

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number		09529172
Filing Date		2000-09-11
First Named Inventor	Meir Edelman	
Art Unit	1638	
Examiner Name	A. D. Mehta	
Attorney Docket Number	EDELMAN1	

U.S. PATENTS

[Remove](#)

Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1	6096546		2000-08-01	Raskin et al	
	2	5627061		1997-05-06	Barry et al	
	3	5635618		1997-06-03	Capellades et al	
	4	5491288		1996-02-13	Chaubet et al	
	5	5094945		1992-03-10	Comai	
	6	4535060		1985-08-13	Comai	
	7	4769061		1988-09-06	Comai	
	8	5670706		1997-09-23	Cornelissen et al	

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number		09529172
Filing Date		2000-09-11
First Named Inventor	Meir Edelman	
Art Unit		1638
Examiner Name	A. D. Mehta	
Attorney Docket Number		EDELMAN1

	9	5310667		1994-05-10	Eichholtz et al	
	10	5352605		1994-10-04	Fraley et al	
	11	5530196		1996-06-25	Fraley et al	
	12	5597946		1997-01-28	Jaynes et al	
	13	4971908		1990-11-20	Kishore et al	
	14	5145783		1992-09-08	Kishore et al	
	15	5312910		1994-05-17	Kishore et al	
	16	5510471		1996-04-23	Lebrun et al	
	17	5633448		1997-05-27	Lebrun et al	
	18	5559024		1996-09-24	Leroux et al	
	19	5554798		1996-09-10	Lundquist et al	

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number		09529172
Filing Date		2000-09-11
First Named Inventor	Meir Edelman	
Art Unit		1638
Examiner Name	A. D. Mehta	
Attorney Docket Number		EDELMAN1

	20	5641876		1997-06-24	McElroy et al	
	21	4940835		1990-07-10	Shah et al	
	22	5188642		1993-02-23	Shan et al	
	23	4810648		1989-03-07	Stalker	
	24	4940840		1990-07-10	Suslow et al	
	25	5290687		1994-03-01	Suslow et al	
	26	5374540		1994-12-20	Suslow et al	
	27	5399680		1995-03-21	Zhu et al.	
	28	5695939		1997-12-09	Zhu et al	
	29	5436391		1995-07-25	Fujimoto et al	
	30	5728925		1998-03-17	Herrera-Estrella et al	

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	09529172
Filing Date	2000-09-11
First Named Inventor	Meir Edelman
Art Unit	1638
Examiner Name	A. D. Mehta
Attorney Docket Number	EDELMAN1

If you wish to add additional U.S. Patent citation information please click the Add button. [Add](#)

U.S.PATENT APPLICATION PUBLICATIONS [Remove](#)

Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1					

If you wish to add additional U.S. Published Application citation information please click the Add button. [Add](#)

FOREIGN PATENT DOCUMENTS [Remove](#)

Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ² i	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	T ⁵
	1	98/02562	WO	A2	1998-01-22	Pallett et al		<input type="checkbox"/>
	2	96/38567	WO	A2	1996-12-05	Sailland et al		<input type="checkbox"/>
	3	0 108 580	EP	A1	1984-05-15	Ausich et al		<input type="checkbox"/>
	4	97/17429	WO	A1	1997-05-15	Oglevee-O'Donavan		<input type="checkbox"/>

If you wish to add additional Foreign Patent Document citation information please click the Add button [Add](#)

NON-PATENT LITERATURE DOCUMENTS [Remove](#)

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T ⁵
	1	REZNIKOFF et al "The Lactose Operon-controlling Elements: A Complex Paradigm," Molecular Microbiology 6 (17):2419-2422 (1992)	<input type="checkbox"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number		09529172
Filing Date		2000-09-11
First Named Inventor	Meir Edelman	
Art Unit		1638
Examiner Name	A. D. Mehta	
Attorney Docket Number		EDELMAN1

2	ROBERTS et al, "crown gall induction: serological reactions, isozyme patterns and sensitivity to mitomycin C and to bacteriocin, of pathogenic and non-pathogenic strains of Agrobacterium radiobacter," Physiological Plant Pathology 4 (1):6-91 (1971)	<input type="checkbox"/>
3	NOT USED	<input type="checkbox"/>
4	SANDFORD et al, "Delivery of substances into cells and tissues using a particle bombardment process," Particulate Science Technology 5(1):27-37 (1987)	<input type="checkbox"/>
5	SANFACON et al, "A Dissection of The Cauliflower Mosaic Virus Polyadenylation Signal," Genes & Devel 5:141-149 (1991) ABSTRACT ONLY	<input type="checkbox"/>
6	SCHENK et al, "Medium and Techniques For Induction and Growth of Monocotyledonous and Dicotyledonous Plant Cell Cultures," Can J Botany 50:199-204 (1972)	<input type="checkbox"/>
7	SHIMIZU et al, "Transfer of Cloned Human Class I Major Histocompatibility Complex Genes into HLA Mutant Human Lymphoblastoid Cells," Molecular and Cellular Biology 6(4):1074-1087 (1986)	<input type="checkbox"/>
8	SILVERTHRONE et al, "Differential Expression of Individual Genes Encoding The Small Subunit Of Ribulose-1,5-Bisphosphate Carboxylase In Lemna Gibba," Plant Molecular Biology 15: 49-58 (1990)	<input type="checkbox"/>
9	SMITH et al, "Agrobacterium Tumefaciens Transformation Of Monocotyledons," Crop Science 35(2):301-30 (1995)	<input type="checkbox"/>
10	SOUTHERN et al, "Transformation of Mammalian Cells to Antibiotic Resistance with a Bacterial Gene Under Control of the SV40 Early Region Promoter," J Molecular And Applied Genetics 1(4):327-341 (1982)	<input type="checkbox"/>
11	STALKER et al, "Herbicide Resistance In Transgenic Plants Expressing A Bacterial Detoxification Gene," Science 242:419-423 (1988)	<input type="checkbox"/>
12	STREBER et al, "Transgenic Tobacco Plants Expressing A Bacterial Detoxifying Enzyme Are Resistant To 2,4-D," Bio/Technology 7:811-816 (1989)	<input type="checkbox"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number		09529172
Filing Date		2000-09-11
First Named Inventor	Meir Edelman	
Art Unit		1638
Examiner Name	A. D. Mehta	
Attorney Docket Number		EDELMAN1

13	TOKI et al, "Expression of A Maize Ubiquitin Gene Promoter-BAR Chimeric Gene In Transgenic Rice Plants," Plant Physiol 100:1503-1507 (1992)	<input type="checkbox"/>
14	VAN ENGELIN et al, "Coordinate Expression of Antibody Subunit Genes Yields High Levels Of Functional Antibodies In Roots of Transgenic Tobacco," Plant Molecular Biology 26:1701-1710 (1994)	<input type="checkbox"/>
15	VANCANNEYT et al, "Construction of an Intron-containing Marker Gene: Splicing of The Intron In Transgenic Plants And Its Use in Monitoring Early Events In Agrobacterium-mediated Plant Transformation," Mol Gen Genet 220:245-250 (1990)	<input type="checkbox"/>
16	VASSEUR et al, "Allozymic and morphometric variation in Lemna minor (Lemnaceae)," Plant Systematics and Evolution 177:139-148 (1991)	<input type="checkbox"/>
17	VENKATARAMAN et al, "Studies on the Growth and Flowering of a Short-Day Plant, Wolffia microscopica, L. General Aspects and Induction of Flowering by Cytokinins," Z Pflanzenphysiol pp. 317-327 (Sep,17 1970,)	<input type="checkbox"/>
18	WALDRON et al, "Resistance to Hygromycin B," Plant Molecular Biology 5:103-108 (1985)	<input type="checkbox"/>
19	WEST et al, "Embryogenesis in Higher Plants: An Overview," The Plant Cell 5:1361-1369 (1993)	<input type="checkbox"/>
20	WYBORSKI et al, "Analysis of Inducers of The E. Coli lac Repressor System in Mammalian Cells and Whole Animals," Nucl Acid Res 19(17):4647-4653 (1991)	<input type="checkbox"/>
21	YAO et al, "Drosophila Ultraspiracle Modulates Ecdysone Receptor Function via Heterodimer Formation," Cell 71:63-72 (1992)	<input type="checkbox"/>
22	YARRANTON et al, "Inducible vectors for expression in mammalian cells," Current Opinion in Biotechnology 3 (5):506-511 (1992)	<input type="checkbox"/>
23	ZAMBRETTI et al, "A Mutant P53 Protein Is Required For Maintenance of The Transformed Phenotype In Cells Transformed With P53 Plus RAS CDNAs," Proc Natl Acad Sci USA 89:3952-3956 (1992)	<input type="checkbox"/>

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		09529172
	Filing Date		2000-09-11
	First Named Inventor	Meir Edelman	
	Art Unit	1638	
	Examiner Name	A. D. Mehta	
	Attorney Docket Number	EDELMAN1	

24	ZHIJIAN et al, "Agronomic Trait Evaluation of Field-grown Transgenic Rice Plants Containing The Hygromycin Resistance Gene and The Maize Activator Element," Plant Science 108:219-227 (1995)	<input type="checkbox"/>
25	TOPFER et al, "Versatile Cloning Vectors For Transient Gene Expression and Direct Gene Transfer in Plant Cells," Nucl Acid Res 16(17):8723-8725 (1988) ABSTRACT ONLY	<input type="checkbox"/>
26	ASHBY et al, "Ti Plasmid-Specified Chemotaxis of Agrobacterium Tumefaciens C58C Toward vir-Inducing Phenolic Compounds and Soluble Factors from Monocotyledonous and Dicotyledonous Plants," Journal of Bacteriology 170 (9):4181-4187 (1988)	<input type="checkbox"/>
27	BOLTON et al, "Plant Phenolic Compounds Induce Expression of the Agrobacterium Tumefaciens Loci Needed for Virulence," Science 232:983-985 (1986)	<input type="checkbox"/>
28	HANSEN et al, "Constitutive Expression of the Virulence Genes Improves The Efficiency of Plant Transformation by Agrobacterium," Proc Natl Acad Sci USA 91:7603-07 (1994)	<input type="checkbox"/>
29	HILLMAN, "The Uses Of Duckweed," American Scientist 66:442-451 (1978)	<input type="checkbox"/>
30	SABELLI et al, "Nucleic Acid Blotting and Hybridization," Methods in Plant Biochem 10:79-100 (1993)	<input type="checkbox"/>
31	FLAVELL, "Review Inactivation of Gene Expression in Plants As A Consequence of Specific Sequence Duplication," Proc Natl Acad Sci USA 91:3490-3496 (1994)	<input type="checkbox"/>
32	KAHL, "The Dictionary of Gene Technology: Genomics, Transcriptomics, Proteomics," 3d Ed., Wiley-VCH Verlag GmbH & Co. KGaA, Weinheim Germany, pp. 39, 98-99, 716-717 (2004)	<input type="checkbox"/>
33	STEDMAN, "Stedman's Medical Dictionary-26 Edition," Willams & Wilkins, Baltimore Maryland, p.1642 (1995)	<input type="checkbox"/>
34	DORLAND, "Dorland's Illustrated Medical Dictionary- 30th Edition," Saunders, Philadelphia, p.1730 (2003)	<input type="checkbox"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number		09529172
Filing Date		2000-09-11
First Named Inventor	Meir Edelman	
Art Unit		1638
Examiner Name	A. D. Mehta	
Attorney Docket Number		EDELMAN1

35	ARMITAGE et al, "Vectors for Transformation of plant cells using Agrobacterium," Walden et al. (ed) Plant Genetic Transformation And Gene Expression, Blackwell Sci Pub, Oxford, pp.1-67 (1992)	<input type="checkbox"/>
36	AVIV et al, "The Feeder Layer Technique," Cell Genetics of Plants 1:199-203 (1984)	<input type="checkbox"/>
37	BLUMENTHAL et al, "Purification and Characterization of The Voltage-Dependent Anion-Selective Channel (VDAC) Protein From Wheat Mitochondrial Membranes," Plant Physiol 101:579-587 (1993)	<input type="checkbox"/>
38	CHIU et al, "Engineered GFP as A Vital Reporter In Plants," Current Biol 6:325-330 (1996)	<input type="checkbox"/>
39	CHRISTENSEN et al, "Ubiquitin Promoter-Based Vectors For High-Level Expression of Selectable And/or Screenable Marker Genes In Monocotyledonous Plants," Transgenic Res 5:213 (1996)	<input type="checkbox"/>
40	CULLEY et al, "Production Chemical Quality And Use Of Lemnaceae In Aquaculture Waste Management And Animal Feeds," J World Agricul Soc 12: 4777-4788 (1985)	<input type="checkbox"/>
41	DEBLAERE et al, "Efficient Octopine Ti-Plasmid-Derived Vectors From Agrobacterium-Mediated Gene Transfer To Plants," Nucl Acids Res 13:4777-4788 (1986)	<input type="checkbox"/>
42	ECKES et al, "Organ-Specific Expression of Three Leaf/Stem Specific cDNAs From Potato Is Regulated By Light Correlated With Chloroplast Development," Mol Gen Genet 199:216-224 (1986)	<input type="checkbox"/>
43	GAMBORG et al, "Nutrient Requirements of Suspension Cultures Of Soybean Root Cells," Experimental Cell Research 50:151-158 (1987)	<input type="checkbox"/>
44	HOOD et al, "Virulence Of Agrobacterium tumefaciens Strain A281 On Legumes," Plant Physiol 83:529-534 (1987)	<input type="checkbox"/>
45	JEFFERSON, "Assaying Chimeric Genes In Plants: The GUS Gene Fusion System," Plant Mol Biol Rep 5:387-405 (1987)	<input type="checkbox"/>

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		09529172
	Filing Date		2000-09-11
	First Named Inventor	Meir Edelman	
	Art Unit	1638	
	Examiner Name	A. D. Mehta	
	Attorney Docket Number	EDELMAN1	

46	KONCZ et al, "High Frequency T-DNA Mediated Gene Tagging In Plants," Proc Natl Acad Sci USA 86:8467-8471 (1986)	<input type="checkbox"/>
47	LANDOLT, "Biosystematic Investigation On The Family Of Duckweeds vol.2: The Family Of Lemnaceae A Monographic Study, vol1 (1986), see pp. 20-27, 275-83, 436-447	<input type="checkbox"/>
48	LANDOLT et al, "Biosystematic Investigation On The Family of Duckweeds vol.2: The Family of Lemnaceae A Monographic Study," vol.2 (1987)	<input type="checkbox"/>
49	LI et al, "Factors Influencing Agrobacterium-Mediated Transient Expression of Gus A In Rice," Plant Mol Biol 20:1037-1048 (1992)	<input type="checkbox"/>
50	MIELE, "Plants As Bioreactors For Biopharmaceuticals: Regulatory Considerations," Trends In Biotech 15:45-50 (1997)	<input type="checkbox"/>

If you wish to add additional non-patent literature document citation information please click the Add button

EXAMINER SIGNATURE

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	09529172
Filing Date	2000-09-11
First Named Inventor	Meir Edelman
Art Unit	1638
Examiner Name	A. D. Mehta
Attorney Docket Number	EDELMAN1

CERTIFICATION STATEMENT

Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

☐ That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

OR

☐ That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

☐ See attached certification statement.

☒ Fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

☐ None

SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/rlb/	Date (YYYY-MM-DD)	2006-08-09
Name/Print	Roger L. Browdy	Registration Number	25618

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 hour to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these records.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.